



SF 2877

IN THE U. S. PATENT AND TRADEMARK OFFICE

In re Application of: Doty
Application Number: 09/863,128
Filed: 05/22/2001
For: **DETECTION OF IONIZING RADIATION
BY POLYMER MATERIALS**
Art Unit: 2877
Examiner: Stock, G.
Attorney Docket No: SD-8286

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

RESPONSE

Sir:

Applicants submit the following in complete response to the Office Action of 06/16/2006, a Final Action. In view of the response below, Applicants request reconsideration and allowance of the claims.

IN THE CLAIMS

Please amend the claims as follows:

1. (previously presented) A material for detecting ionizing radiation, comprising a solid organic semiconducting material consisting essentially of a π -conjugated material having an electrical resistivity of at least 10^9 ohm-cm.
2. (original) The material of claim 1, wherein the π -conjugated material comprises a mixture of π -conjugated materials.
3. (previously presented) The material of claim 1, wherein the π -conjugated material includes π -conjugated polymers having long chains